

Region 20 - 821MHz Regional Planning Committee

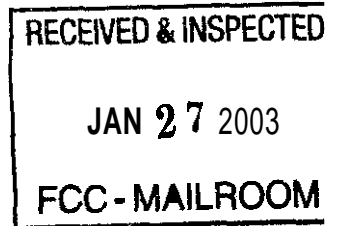
District of Columbia, State of Maryland and Northern Virginia

Alan T. Kealey, Chairman
% Maryland Department of Natural Resources
580 Tavor Avenue. (E-3)
Annapolis, Maryland 21401

DOCKET FILE COPY ORIGINAL

410-260-8887 E-mail akealey@dnr.state.md.us 410-260-8878 (fax)

January 22, 2003



Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Portals II, TW-A325
Washington, DC 20554

R E NPSPAC 821MHz Region 20, FCC GN. Docket No. 90-7
Revised Frequency Assignment Table (Window 3B) and Plan Amendment

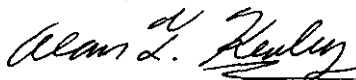
Dear Secretary Dortch

This letter, with attachments is being filed as an amendment to the Region 20-821 MHz NPSPAC plan, FCC GN. Docket No. 90-7.

- 1) Attachment 1 is the revised Frequency Assignment Table, titled *Appendix I*, dated 12-21-02. This revision reflects the following changes which are shown with a "***" next to the affected channel.
 - a. Correct an assignment error made by Region 20 between Fauquier County, VA and the Washington Metropolitan Airport Authority.
 - b. Completion of the required adjacent region concurrence of four (4) channels to Charles County, MD. These channels were removed from the total original Window 3 amendment to prevent all Window 3 applicants from suffering any delay as concurrence was sought for these channels.
- 2) Attachment 2 contains the concurrence from each region adjacent to Region 20 for the channel assignments as revised in this amendment. They are Region 28, Region 36, Region 42 and Region 44.
- 3) Attachment 3 is the executed *Infer-Regional Coordination Procedures Agreement*, dated August 21, 1998 between Region 20 and Region 28. This agreement is to formally be included as part of the Region 20 Plan during this plan amendment.

Given the importance of these assignments to Region 20 applicants, please notify me when the FCC has approved this plan amendment. Feel free to contact me at 410-260-8887 if you have any questions.

Sincerely,



Alan T. Kealey, Chairman
Region 20 - 821 MHz

No. of Copies rec'd 0+3
List ABOVE

cc: Region 20-821 MHz Secretary

page 1 of 26

Attachment 1
Region 20-821 MHz
Frequency Assignment Table
Appendix I 12-21-02

REGION 20 FREQUENCY ASSIGNMENTS

Windows 1, 2 and 3'

<i>Jurisdiction / Geographic Area</i>	<i>Assigned Channels</i>				
Alexandria City, VA	613	675	810		
Anne Arundel County, MD	636	750* ²	777	198	818
Arlington County, VA	654*	662*	727*	766*	
Baltimore City, MD	608	615	611	621	634
	647	650	663	665	667
	669	612	687	689	692
	707	710	112	139	745
	747	752	759	161	763
	765	767	775	787	196
	801	807	810	821	827
Baltimore Washington Airport Baltimore, MD	620*	655*	697*	701*	742*
Calvert County, MD	670	686	690	695	779
Carroll County, MD	612* ²	686	702* ²	709	711
	713	120	748	778* ²	
Charles County, MD	625*	642**	680**	772**	781**
	803*	823*			
Fairfax County, VA	609	611	623	631	633
	657	685	688	697	699
	705	108	725	138	749
	751	758	162	776	791
	797	811			
Fauquier County, VA	729*	741*	747*	787*	795*
	808**				
Frederick County, MD	646	610	769	189	811

Harford County, MD	619* ³ 736*	622* 781* ³	659* 813*	698* 816*	704*
Howard County, MD	602* 652* 737*	604* 674* 754*	630* 676* 756*	640* 684*	643* 724*
Loudoun County, VA	641* 701*	644* 755*	661* ⁴ 804* ⁴	678* ⁴ 813*	681* ⁴ 824*
Manassas City, VA.	606	608	743	783	785
Maryland Central Booking Baltimore City, MD	606*	611*	623*	726*	784*
Montgomery County, MD	616 732* 764 800 826	621* ² 740 713 802	626 744 780 806	638 746 782 820	649 760 786 822
Metro Washington Airport Authority Arlington, Loudon & Fairfax Counties, VA	603* 703 815*	651 710**	668 716*	671 718*	691 768
Princes George's County, MD	607 682 812	614 722* 828	618 770	645 788	660 790
Prince William County, VA	613 614 765 821	635 676 778 821	631 731 799	653 736 801	655 745 819
RINS – Washington DC Metro Area	792				
Saint Mary's County, MD	612* 735*	634* 748*	658* 763*	713* 809*	724* 814*
SERS 01* ⁵ Alexandria, VA	720				

Upper Maryland Eastern Shore	644*	653* ⁶	661*	675*	719*
Talbot and Queen Anne's Counties, MD	785* ⁶	789*	793*	805*	830*
University of Maryland College Park	632*	726*	784*	794*	830*
College Park, MD					
Washington Council of Governments	628	664	666	694	714
Washington DC Metro Area	734				

File: Appendix I 12-21-02.doc

¹ * = Window 3 assignment, ** = Window 3B assignment to (1) correct Region 20 assignment error between Fauquier County, VA. and Metro Washington Airport Authority and (2) complete original channel assignments for Charles County, MD.

² Window 3 reassignment as part of Inter-Regional Matrix rework (2/99) with Regions 20, 28 & 36.

³ License limitations ver Region 28 concurrence. (1) Harford County is to include a copy of their letter to Region 28 (dated July 11, 2000) with their APCO/FCC submittal. This letter contains provisions relating to criteria to be used in resolution of possible harmful interference to the State of Delaware. (2) Harford County obtains a Letter of Concurrence from the State of Delaware relating to item one of this section. The Letter of Concurrence will provide protection to the State of Delaware should there be harmful interference, and shall be included with the APCO/FCC submittal.

⁴ License limitations ver Region 36 concurrence. (1) Licenses for the Loudoun Heights location, or nearby (within 1 mile) additional or replacement sites, require the use of directional antenna arrays with the null oriented at 330 degrees and implemented with at least 3 degrees of down tilt per discussions between Region 36 and Loudoun County representatives. (2) Loudoun County maintain its system design such that its 40 dBu contour does not extend closer than three miles south of the Pennsylvania service area border. (3) Region 20 and Loudoun County agree that the Loudoun County allocation does not entitle Loudoun County from adjacent-channel protection from the Commonwealth of Pennsylvania's deployment of channels 682 and 805 in Adam County and channels 662 and 679 in Franklin County, provided that the Commonwealth maintains its operations within the 40 dBu contour defined by a line three miles outside its service areas.

⁵ Administrative change. Channel 720 was originally listed to "MCT Medical Services," Alexandria, VA; it is now designated as "SERS 01," Alexandria, VA to more closely reflect the category of use as assigned. [Per: "Before the Federal Communications Commission Washington, D.C. 20554 In the matter of)) Washington, DC Metropolitan Area) Regional Public Safety Plan) Gen. Docket No. 90-7 (Region 20))) Philadelphia Metropolitan Area) Regional Public Safety Plan) Gen. Docket No. 89-573 (Region 28)) ORDER Adopted: December 9, 1996 Released December 9, 1996;" paragraphs 16, 17 & 18.1

⁶ License limitations per Region 28 concurrence. Sudlersville site shall use a BMR 12H antenna at 345 degrees with a 1.5 degree electrical down tilt and an additional 1.5 degree mechanical down tilt at 345 degrees. The maximum ERP at 75 - 255 degrees shall be no more than 468 watts with the antenna center no higher than 275 AGL.

Attachment 2
Region 20-821 MHz
Adjacent Region Concurrence

*Summary of Adjacent Region Concurrence
(Concurrences follow this page)*

Applicant	Channel	Region 28	Region 36	Region 42	Region 44
Fauquier County, VA	808	Present	Present	Present	Present
Metropolitan Washington Airport Authority	710	Present	Present	Present	Present
Charles County, MD	642	Present	Present	Present	Present
Charles County, MD	680	Present	Present	Present	Present
Charles County, MD	772	Present	Present	Present	Present
Charles County, MD	781	Present	Present	Present	Present

Note: Charles County, MD has two (2) concurrence pages from Region 42.

**Region 20 – 821 MHz
Adjacent Region Coordination Request**

Fauquier County, VA
December 20, 2001

Channels

- 648^

774''

808*

Approved Richard D. Reynolds Region 28
Regional Chairperson

Date 4/29/02

* Move assignment from Metro Washington Airport **Authority** to Fauquier County, VA.

^ Reconsideration of channel previously not approved by Region **42**.

Special Conditions:

Region 20 - 821 MHz
Adjacent Region Coordination Request

Fauquier County, VA
December 20, 2001


Channels

648^

774^

808'

Approved


Regional Chairperson

Region 36

Date

1/23/2003

* Move assignment from Metro Washington Airport Authority to Fauquier County, VA.

^ Reconsideration of channel previously not approved by Region 42.

special Conditions:

**Region 20 – 821 MHz
Adjacent Region Coordination Request**

Fauquier County, VA

Channels

808*

Approved Ronald Wade **Region** 42 800 MHz.
Regional Chairperson

Date 10-1-02

* Move assignment from Metro Washington Airport Authority to Fauquier County, VA.

Special Conditions:

**Region 20 – 821 MHz
Adjacent Region Coordination Request**

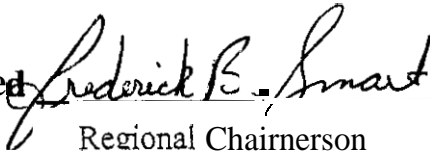
Fauquier County, VA
December 20.2001

Channels

648"

774"

808*

Approved  **Region 44**
Regional Chairnerson

Date 01-02-02

* Move assignment from Metro Washington Airport Authority to Fauquier County, VA.

^ Reconsideration of channel previously not approved by Region **42**.

Special Conditions:

**Region 20 – 821 MHz
Adjacent Region Coordination Request**

Metro Washington Airport Authority, VA
December 20, 2001

Channel

710*

Approved Richard B. Bennett Region 28
Regional Chairperson

Date 4/29/02

* Return assignment to Metro Washington Airport Authority from Fauquier County, VA.
To correct Region 20 821 MHz frequency table.

Special Conditions:

**Region 20 - 821 MHz
Adjacent Region Coordination Request**

Metro Washington Airport Authority, VA
December 20, 2001

Channel

710*

Approved  Region 36
Regional Chairperson

Date July 18, 2002

* Return assignment to Metro Washington Airport Authority from Fauquier County, VA.
To correct Region 20 821 MHz frequency table.

Special Conditions:

**Region 20 – 821 MHz
Adjacent Region Coordination Request**

Metro Washington Airport Authority, VA
December 20, 2001

Channel

710"

Approved Ronald L. Wake Region 42
Regional Chairperson

Date 6-11-02

* Return assignment to Metro Washington **Airport** Authority from Fauquier County, VA.
To correct Region **20** 821 MHz frequency table.

Special Conditions:

**Region 20 – 821 MHz
Adjacent Region Coordination Request**

Metro Washington Airport Authority, VA
December 20, 2001

Channel

710*

Approved Frederick B. Smart Region 44
Regional Chairperson

Date 01-02-02

* Return assignment to Metro Washington Airport Authority ~~from~~ Fauquier County, VA.
To correct Region 20 821 MHz frequency table.

Special Conditions:

Region 20 – 821 MHz Adjacent Region Coordination Request

Charles County, MD

December 20, 2001

Channels

625*

642"

680"

772"

781"

803*

823*

Approved  Region 28
Regional Chairperson

Date 4/29/02

* Change in operating conditions to channels approved in Region 20 Window 3a

^ Reconsideration of channel previously not approved by Region 42.

Special Conditione


Region 20 – 821 MHz Adjacent Region Coordination Request

Charles County, MD

December 20, 2001

Channels

--- 625*
642"
680"
772"
781^
803*
823*

Approved  Region 36
Regional Chairperson

Date July 17, 2002

* Change in operating conditions to channels approved in Region 20 Window 3a.

^ Reconsideration of channel previously not approved by Region 42.

Special Conditions:

Region 20 – 821 MHz Adjacent Region Coordination Request

Charles County, MD

December 20, 2001

Channels

625*

~~642~~[^] ⇔ Not Approved, Chair Initials Q

~~680~~[^] ⇔ Not Approved, Chair Initials Q

~~772~~[^] ⇔ Not Approved, Chair Initials Q

781"

803"

823*

Approved Ronald L. Wale Region 42
Regional Chairperson

Date 6-11-02

* Change in operating conditions to channels approved in Region 20 Window 3a.

^ Reconsideration of channel previously not approved by Region 42

Special Conditions:

**Region 20 – 821 MHz
Adjacent Region Coordination Request**

Charles County, MD

Channels

642"

680"

772"

Approved Ronald H. Wade Region 42 800 m Hz
Regional Chairperson

Date 10-1-01

^ Reconsideration of channel previously not approved by Region 42

Special Conditions:

Region 20 – 821 MHz Adjacent Region Coordination Request

Charles County, MD

December 20, 2001

Channels

625*

642"

680"

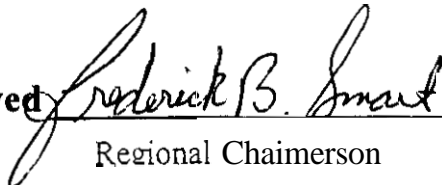
772"

781"

803*

823*

Approved



Region 44

Regional Chairperson

Date 01-02-02

* Change in operating conditions to channels approved in Region 20 Window 3a.

^ Reconsideration of channel previously not approved by Region 42.

Special Conditions:

Attachment 3
Region 20-821 MHz
Inter-Regional Coordination Procedures Agreement

REGION-20 PUBLIC SAFETY REGIONAL PLAN REVIEW COMMITTEE



**BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WIRELESS TELECOMMUNICATIONS BUREAU
PRIVATE WIRELESS DIVISION
WASHINGTON, D.C. 20554**

In the Matter of

Washington, DC Metropolitan Area
Regional Public Safety Plan
(Region-20)

GN Docket NO. 90-7

Philadelphia Metropolitan Area
Regional Public Safety Plan
(Region-28)

GN Docket No. 89573

INTER-REGIONAL COORDINATION PROCEDURES AGREEMENT

By and Between:

Region-20 Public Safety Regional Plan Review Committee

Mr. Stephen H. Souder - Chairman

And

Region-28 Public Safety Planning Update Committee

July 31, 1998

REGION-20 PUBLIC SAFETY REGIONAL PLAN REVIEW COMMITTEE

Before the
 Federal Communications Commission
 Wireless Telecommunications Bureau
 Private Wireless Division
 Washington, D.C. 20554

In the Matter of)	
Washington, DC Metropolitan Area)	
Regional Public Safety Plan)	GN Docket No. 90-7
(Region-20))	
)	
Philadelphia Metropolitan Area)	
Regional Public Safety Plan)	GN Docket No. 89-573
(Region-28))	

INTER-REGIONAL COORDINATION PROCEDURES AGREEMENT

By and Between:

Region-20 Public Safety Regional Plan Review Committee
 Mr. Stephen H. Souder - Chairman
 And

Region-28 Public Safety Planning Update Committee
 Mr. Richard R. Reynolds - Chairman

July 31, 1998

I.

INTRODUCTION

1. Pursuant to the conditional acceptance **ORDER** regarding the Region-20 and 28 Plans¹, *infra* is the mutually agreed upon **INTER-REGIONAL COORDINATION PROCEDURES AGREEMENT (AGREEMENT)**.

¹ **ORDER**, GN Docket Nos. 90-7 & 89-573, DA 96-2066, December 9, 1996, Paragraphs 10 (a) and 11.

REGION-20 PUBLIC SAFETY REGIONAL PLAN REVIEW COMMITTEE

II. INTER-REGIONAL COORDINATION PROCEDURES AGREEMENT

2. To provide adequate protection to adjacent regions, proper engineering design must be implemented. This engineering must be based upon actual signal strength contours and in adherence to 47 CFR 90.205 and 90.635.

3. The Region-20² and 28³ Plans differ with respect to *intra*-regional system protection criteria. This AGREEMENT does not, nor does it attempt to, alter this aspect of the Plans respectively.

4. Regions-20 and 28 are in agreement on several basic/underlying principles of *inter*-regional coordination. They are:

- [A]. To ensure adequate protection to adjacent regions, it has been agreed that co-channel and adjacent channel interference-free signal strength protection F (95,95) contours not fall within any adjacent region, operational service area signal strength, F (95,95) contours.⁴
- [B]. That any and all *inter*-regional coordination must be signal strength based.
- [C]. Ensuring interference-free signal strength protection dictates that all signal strength contours \geq 5 dBu of a proposed system do not extend beyond its designated regional

² **WASHINGTON, D.C. METROPOLITAN AREA REGIONAL PUBLIC SAFETY PLAN (REGION-20)**, GN Docket No. 90-7, DA 94-131, February 10, 1994, Sections 25 & 26, Pages 26 & 27.

³ **PHILADELPHIA METROPOLITAN AREA REGIONAL PUBLIC SAFETY PLAN (REGION-28)**, GN Docket No. 89-573, December 16, 1993, Appendix F-1, Page 38 & 7.

⁴ Example: An adjacent region F (95,95) 5 dBu contour does not fall inter-regional within a co-channel system F (95,95) 40 dBu contour. [See also Footnote 7 *infra*.]

REGION-20 PUBLIC SAFETY REGIONAL PLAN REVIEW COMMITTEE

boundary, unless pre-license authorization concurrence from the adjacent region(s) has been properly secured.

- [D]. *Inter-regional* signal strength emission contours ≥ 5 dBu, that radiate into an adjacent region, shall further abide by mutually agreed to *inter-regional* co-channel and/or adjacent channel interference-free separation protection criteria.⁵

5. The following is the specific procedure for *inter-regional* coordination which has been agreed upon by Regions-20 and 28, and which will be used by the Regions in establishing *inter-regional* coordination procedures with its other adjacent Regional Planning Committees.⁶

- A. An application filing window is opened.
- B. Applications by eligible entities are accepted.
- C. An application filing window is closed after appropriate time interval
- D. *Intra-regional* review and coordination takes place, including a technical review resulting in assignment of channels
- E. After *intra-regional* review, a copy of the frequency-specific application including a definition statement of proposed service area shall then be forwarded to the adjacent region(s) for review. The agreed upon format for this exchange of data shall be based on the APCO FDR-2 form, included as an application Attachment, and accompanied by the applicant's proposal service area definition (map or narrative).⁷ This information will be sent to the adjacent regional chairperson(s) by a next day delivery system.

⁵ The F (95,95) 5 dBu co-channel and F (95,95) 25 dBu adjacent channel *inter-regional* contours of a proposed system must not intersect (must be non-overlapping) with the 40 dBu contour of an existing adjacent region licensee.

⁶ *Ibid.*, at Footnote 1, Paragraph 14.

⁷ Service area shall normally be defined as the area included within the geographical boundary of the applicant plus three (3) miles. Other definitions of service area shall be justified with an accompanying *Memoranda of Understanding* or other applicable documentation. Should a proposed service area extend into an adjacent Public Safety region(s), then the proposed service area must be approved by the affected regions.

REGION-20 PUBLIC SAFETY REGIONAL PLAN REVIEW COMMITTEE

- F. The adjacent region reviews the application. Where unconditional concurrence exists, a letter of concurrence shall be sent, via next-day delivery system, to the initiating regional chairperson within 60 calendar days.

[1]. If only partial or non-concurrence exists, a working group comprised of representatives of the two regions shall be convened within 30 calendar days. The working group shall then report its findings within 30 calendar days to the regional chairperson via next-day delivery system. Findings may include, but not be limited to:

- (i) unconditional concurrence;
- (ii) conditional concurrence contingent upon modification of applicant's technical parameters; or
- (iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent region.⁸

[2]. If resolution is unobtainable by the working group, then the matter shall be forwarded, for evaluation, to the APCO⁹ regional frequency advisors, who service the affected regions. These frequency advisors will, within 30 calendar days, report their recommendation(s) to the regional chairpersons via next-day delivery system.

- G. Where adjacent region concurrence has been secured, and the channel assignments would result in no change to the region's currently Commission approved channel assignment matrix, the initiating region may then advise the applicant(s) that their application may be forwarded to APCO for processing and forwarding to the Commission.
- H. Where adjacent region concurrence has been secured, and the channel assignments would result in a change to the region's currently Commission approved channel assignment matrix, then the initiating region shall file with the Commission a **PETITION TO AMEND** their current regional plan's frequency matrix, reflecting the new channel assignments, with a copy of the **PETITION** sent to the adjacent regional chairperson(s).
- I. Upon Commission issuance of an **ORDER** adopting the amended channel assignment matrix, the initiating regional chairperson will send a courtesy copy of

⁸ The non-concurring region shall identify the affected licensee(s), the engineering propagation model used and the specific engineering technical criteria applied to the model.

⁹ Memorandum of Understanding, APCO & FCC, Report No. CI 98-12, July 17, 1998.

REGION-20 PUBLIC SAFETY REGIONAL PLAN REVIEW COMMITTEE

this **ORDER** to the adjacent regional chairperson and may then advise the applicant(s) that they may forward their applications to APCO for processing and forwarding to the Commission.

- J. This procedure will apply to all *intra/inter*-regional applications coordinated by Regions-20 and 28.

III.**CONCLUSION**

6. IN AGREEMENT HERETO, Regions-20 and 28 do herewith set their signatures the day and year first above written.

Respectfully,

Stephen H. Souder

Mr. Stephen H. Souder
Chairman - Region-20 Public Safety
Regional Plan Review Committee

Richard R. Reynolds

Mr. Richard R. Reynolds
Chairman - Region-28 Public Safety
Planning Update Committee